

APPLICANT(S): MERON, Gavriel et al.
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AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims 9, 20, 30, 49, 52, 59, 61, 62, 66 and 69 indicated as cancelled:

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1. (Currently Amended) A system for monitoring a site in vivo, the system comprising:

a single housing configured for being immobilized ~~[[in vivo;]]~~in vivo, the

housing including at least:

~~at least one sensing~~ an imaging device, said ~~sensing~~ imaging device

connected to said housing; and

a transmitter.
 2. (Currently Amended) The system according to claim 53 further comprising a processing unit
for processing data obtained from the imaging ~~sensing~~ device.
 3. (Currently Amended) The system according to claim 53 further comprising a processing unit
for processing data obtained from the ~~sensing~~ imaging device and for controlling the ~~sensing~~
imaging device in accordance with the data obtained from the ~~sensing~~ imaging device.
 4. (Previously Presented) The system according to claim 53 wherein the receiving system
comprises a display for displaying the transmitted data.
 5. (Original) The system according to claim 1 further comprising an internal power source.
 6. (Previously Presented) The system according to claim 1 comprising a battery.
 7. (Currently Amended) The system according to claim 1 ~~wherein the~~ comprising a sensing
device ~~[[is]]~~ selected from the group consisting of: ~~an optical scanner~~, a pH meter, a
thermometer, or a sensor of electrical conductivity of tissues ~~or an image sensor~~.
 8. (Cancelled)
 9. (Cancelled)

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10. (Currently Amended) The system according to claim 9 1 wherein the ~~image-sensor~~ imaging device comprises a detector that is capable of being optically changed in response to changes in environmental conditions.

11. (Original) The system according to claim 1 wherein the transmitter is a wireless transmitter.

12. (Original) The system according to claim 1 wherein the housing is configured for being sewn to an in vivo site.

13. (Original) The system according to claim 1 wherein the housing comprises at least one ring on the perimeter of the housing for threading a suture there through.

C | 14. (Original) The system according to claim 1 wherein the housing comprises an indentation around the perimeter of the housing, said indentation configured for receiving a suture.

15. (Original) The system according to claim 1 wherein the housing comprises a niche configured for receiving means for anchoring the housing to a body tissue.

16. (Cancelled)

17. (Original) The system according to claim 1 wherein the housing comprises means for anchoring the housing to a body tissue.

18. (Previously Presented) The system according to claim 17 wherein the means for anchoring the housing to a body tissue are selected from the group consisting of: pins, clasps, thread, fasteners and suction means.

19. (Currently Amended) A system for post surgery monitoring comprising:

a housing configured for being immobilized in the vicinity of a surgery site in vivo;

at least one ~~sensing~~ imaging device, said ~~sensing~~ imaging device connected to said housing; and

a transmitter.

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20. (Cancelled)

21. (Original) The system according to claim 1 for monitoring a site in the GI tract.

22. (Cancelled)

23. (Currently Amended) An immobilizable in vivo ~~sensing~~ imaging device comprising:

a housing configured for being immobilized in vivo; and

an in vivo sensor ~~[[for]]~~.

24. (Previously Presented) The device according to claim 23 further comprising a processing unit for processing data obtained from the in vivo sensor.

C | 25. (Previously Presented) The device according to claim 23 further comprising a processing unit for processing data obtained from the in vivo ~~sensor~~ imaging device and for controlling the device in accordance with the data obtained from the in vivo imaging device sensor.

26. (Original) The device according to claim 23 further comprising an internal power source.

27. (Previously Presented) The device according to claim 23 comprising a battery.

28. (Currently Amended) The device according to claim 23 comprising a sensing device wherein the in vivo sensor is selected from the group consisting of: ~~an optical scanner~~, a pH meter, a thermometer, or a sensor of electrical conductivity of tissues ~~or an image sensor~~.

29. (Cancelled)

30. (Cancelled)

31. (Previously Presented) The device according to claim 23 comprising a detector that is capable of being optically changed in response to changes in environmental conditions.

32. (Currently Amended) The device according to claim 23 further comprising a transmitter for transmitting data obtained by the in vivo ~~sensor~~ imaging device.

33. (Original) The device according to claim 32 wherein the transmitter is a wireless transmitter.

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34. (Original) The device according to claim 23 wherein the housing is configured for being sewn to an in vivo site.

35. (Original) The device according to claim 23 wherein the housing comprises at least one ring on the perimeter of the housing for threading a suture there through.

36. (Original) The device according to claim 23 wherein the housing comprises an indentation around the perimeter of the housing, said indentation configured for receiving a suture.

37. (Original) The device according to claim 23 wherein the housing comprises a niche configured for receiving means for anchoring the housing to a body tissue.

C | 38. (Previously Presented) The device according to claim 23 ~~wherein comprising a the~~ means for anchoring the housing to a body ~~tissue~~ tissue, the means for anchoring being are selected from the group consisting of: pins, clasps, thread, fasteners and suction means.

39. (Original) The device according to claim 23 wherein the housing comprises means for anchoring the housing to a body tissue.

40. (Previously Presented) The device according to claim 39 wherein the means for anchoring the housing to a body tissue are selected from the group consisting of: pins, clasps, thread, fasteners and suction means.

41. (Withdrawn)

42. (Withdrawn)

43. (Withdrawn)

44. (Withdrawn)

45. (Withdrawn)

46. (Withdrawn)

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47. (Previously presented) A method for monitoring an in vivo site, the method comprising the steps of:

immobilizing ~~a sensing~~ an imaging device in the vicinity of an in vivo site; and
sensing the in vivo site.

48. (Previously Presented) The method according to claim 47 further comprising the step of transmitting sensed data.

49. (Cancelled)

C | 50. (Previously Presented) The method according to claim 55 wherein receiving the sensed data is done externally.

51. (Original) The method according to claim 47 wherein the in vivo site is in the GI tract.

52. (Cancelled)

53. (Previously Presented) The system of claim 1 comprising a receiving system.

54. (Previously Presented) The system of claim 19 comprising a receiving system.

55. (Previously Presented) The method of claim 47 comprising receiving sensed data of the in vivo site.

56. (Previously Presented) A method for monitoring an in vivo site, the method comprising the steps of:

immobilizing an imaging device in the vicinity of an in vivo site; and
imaging the in vivo site.

57. (Previously Presented) The method according to claim 56 further comprising transmitting image data.

58. (Previously Presented) The method according to claim 56 wherein the in vivo site is in the GI tract.

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59. (Cancelled).

60. (Previously Presented) The method according to claim 56 wherein the immobilization is performed during or immediately after surgery.

61. (Cancelled)

62. (Cancelled)

63. (Currently Amended) A method for post-surgical monitoring of an in vivo site, the method comprising the steps of:

C 1
during or immediately after a surgical procedure, immobilizing a ~~sensing~~
an imaging device in the vicinity of an in vivo site; and
sensing the in vivo site.

64. (Previously Presented) The method according to claim 63 further comprising transmitting sensed data.

65. (Previously Presented) The method according to claim 63 wherein the in vivo site is in the GI tract.

66. (Cancelled)

67. (Previously Presented) The system according to claim 1 further comprising an externally inducible power source.

68. (Previously Presented) The device according to claim 23 further comprising an externally inducible power source.

69. (Cancelled)